

Work Order ID 139806

Tuesday, December 08, 2015 2:53:51 PM

139806

Ship Friday
Dec 11th Page 1

Item ID: D350-600-149

Accept

N1900040100

Setup Start ***NS1***

Revision ID:

Item Name: Spacepod™ Automatic Door Opener Upgrade

Stop ***NS2***

Start Date: 12/8/2015 Start Qty: 4.00 ***4***

Cust Item ID:

Required Date: 12/11/2015 Req'd Qty: 4.00 ***4***

Customer:

Reference:

Approvals: Process Plan: ME Date: 15-12-08 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev C								
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 350-600-149 CHG001								
110		0.00							
110	Packaging								
Packaging	Memo	0.00							
Packaging									
120		0.00							
120	QC4- 100% Inspect kits for completeness								
QC	Memo	0.00							
Quality Control									

115 15-12-10

SMB 15/12/10

4 DEC 10 2015

DAS
28
9-89

4X SMB 15/12/10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabelled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

Work Order ID 139806

Tuesday, December 08, 2015 2:53:51 PM

139806

Page 2

Item ID: D350-600-149

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Spacepod™ Automatic Door Opener Upgrade

Stop

NS2

Start Date: 12/8/2015 Start Qty: 4.00

4

Cust Item ID:

Required Date: 12/11/2015 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

130

Packaging

Packaging

Packaging

Memo

Identify and pack for shipping as per PPP D350-600-
149 Location: _____ PPP Rev: _____

0.00

0.00

4X

DAS BAS
28 27
9-89 9-89

DEC 10 2015

140

140

QC

Quality Control

QC21 - Final Inspection - Work Order Release

Memo

0.00

0.00

MLJ

DEC 10 2015

mf
15-1210*

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

Picklist Print

Tuesday, December 08, 2015 2:53:50 PM

Page 1

Work Order ID: 139806

139806

Parent Item: D350-600-149

D350-600-149

Parent Item Name: Spacepod™ Automatic Door Opener Upgrade

Start Date: 12/8/2015

Required Date: 12/11/2015

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A new issue 08-03-04 DD verified by: LL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN526C832R10 Screw		Purchased	No			120	Each	81.0000	4	16		9-89	DAS 28 9-89
AN526C832R10													
Smb 4x													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST327		81							
				m127363		81							
AN526C832R14 Screw		Purchased	No			120	Each	36.0000	4	16		9-89	DAS 28 9-89
AN526C832R14													
Smb 4x													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST327		36							
				124215		20							
				124916		16							
D3015-3 Locknut		Manufactured	No			120	Each	59.0000	2	8		9-89	DAS 28 9-89
D3015-3													
Smb 4x													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		18							
				95758		8							
				96151		10							
				ST015		41							
				136803		41							
D3538-3 Hinge Bracket		Manufactured	No			120	Each	48.0000	2	8		9-89	DAS 28 9-89
D3538-3													
Smb 4x													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				Mezz		48							
				30246		48							

DEC 09 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified	☐	Past Due	☐				

Picklist Print

Tuesday, December 08, 2015 2:53:50 PM

Page 2

Work Order ID: 139806

139806

Parent Item: D350-600-149

D350-600-149

Parent Item Name: Spacepod™ Automatic Door Opener Upgrade

Start Date: 12/8/2015

Required Date: 12/11/2015

Start Qty: 4.00

Required Qty: 4.00

D3548-1 Manufactured No

120

Each

20.0000

1

4

D3548-1

Bracket

SMB 4X

Location

Loc Qty

Loc Code

Mezz

20

30245

20

120

Each

12.0000

1

4

D3549-1

Manufactured No

D3549-1

Bracket

SMB 4X

Location

Loc Qty

Loc Code

Mezz

12

44654

4

50243

8

120

Each

8.0000

1

4

D3552-9

Manufactured No

D3552-9

Door Prop

SMB 4X

Location

Loc Qty

Loc Code

FG

2

48253

2

ST363

6

50277

6

120

Each

16.0000

2

8

D3554-7

Manufactured No

D3554-7

Ball Stud

SMB 4X

Location

Loc Qty

Loc Code

FG

5

87039

5

ST049

11

87571

11

DAS 6 9-89

DAS 28 9-89

DAS 6 9-89

DAS 28 9-89

DAS 6 9-89 DAS 28 9-89

DAS 6 9-89

DEC 09 2015
DAS 28 9-89

Tuesday, December 08, 2015 2:53:50 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐			
Misidentified ☐	Past Due ☐																																																																

Picklist Print

Tuesday, December 08, 2015 2:53:50 PM

Page 3

Work Order ID: 139806

139806

Parent Item: D350-600-149

D350-600-149

Parent Item Name: Spacepod™ Automatic Door Opener Upgrade

Start Date: 12/8/2015

Required Date: 12/11/2015

Start Qty: 4.00

Required Qty: 4.00

MS20426AD4-5

Purchased

No

120

Each

2,268.000

8

32

MS20426AD4-5

RIVET

Smb

Location

Loc Qty

Loc Code

GA

2268

m130922

46

m133751

2222

32

DAS 28
9-89 9-89

MS20426AD4-6

Purchased

No

110

Each

2,021.000

2

8

MS20426AD4-6

Rivet

Smb 4x

Location

Loc Qty

Loc Code

GA

1594

M128812

16

M133234

1578

ST311

427

124392

202

M128812

69

M132536

156

5

DAS 28
9-89 9-89

MS21042L08

Purchased

No

120

Each

702.0000

10

40

MS21042L08

Nut

Smb 4x

Location

Loc Qty

Loc Code

CA

101

m129682

101

GA

56

m133134

56

ST303

502

m133483

502

ST304

43

m128401

32

m131317

11

40

DAS 28
9-89 9-89
DEC 09 2015

Tuesday, December 08, 2015 2:53:50 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		

Root Cause	FAULT CATEGORY					
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	☐ OTHER : _____			

Picklist Print

Tuesday, December 08, 2015 2:53:50 PM

Page 4

Work Order ID: 139806

139806

Parent Item: D350-600-149

D350-600-149

Parent Item Name: Spacepod™ Automatic Door Opener Upgrade

Start Date: 12/8/2015

Required Date: 12/11/2015

Start Qty: 4.00

Required Qty: 4.00

MS27039-08-11

Purchased

No

120

Each

556.0000

2

8

MS27039-08-11

SCREW

DAS 28
9-89 9-89

Location

Loc Qty

Loc Code

CCK007

450

m133769

450

ST277

100

m133363

100

ST282

6

m130358

1

m133134

5

NAS1149D0563J

Purchased

No

120

Each

1,301.000

2

8

NAS1149D0563.J

Washer

DAS 28
9-89 9-89
DEC 09 2015

Location

Loc Qty

Loc Code

GA

53

m125807

53

ST260a

528

m130799

63

m132035

55

m132256

10

m133769

400

ST263

545

m133134

129

m133363

416

ST269

156

m128257

156

ST271

19

m131026

19

Tuesday, December 08, 2015 2:53:50 PM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

Tuesday, December 08, 2015 2:53:50 PM

Page 5

Work Order ID: 139806

139806

Parent Item: D350-600-149

D350-600-149

Parent Item Name: Spacepod™ Automatic Door Opener Upgrade

Start Date: 12/8/2015

Required Date: 12/11/2015

Start Qty: 4.00

Required Qty: 4.00

NAS1149DN832J

Purchased

No

120

Each

1,241.000

12

48

NAS1149DN832.J

Washer

Smb Xy

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST270

1157

M129541

13

M131697

1144

**

6

9-89

DAS

28

9-89

NAS1515H3

Purchased

No

120

Each

354.0000

2

8

NAS1515H3

Washer

Smb Xy

Location

Loc Qty

Loc Code

FG

10

123301

10

GA

38

m129521

38

ST266

306

m128635

7

m131697

299

**

DAS

6

9-89

DAS

28

9-89

DEC 09 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____						
Misidentified	☐	Past Due	☐							

-141	-142	-143	-145	-146	-149	-349	Part Number	Description
			3*	3*			D2586	LATCH
			3*	3*			D2585	MOUNTING CHANNEL
			3*	3*			D2621	LATCH PLATE
			3*	3*			MS27039-1-15	SCREW
			3*	3*			AN960JD10	WASHER
			3*	3*			MS21042L3	NUT (or MS21042-3)
			1*				D2857-1	HINGE BRACKET
				1*			D3587-2	HINGE BRACKET
			1*	1*			D2228	BACKING PLATE
			4*	4*			AN526C832R10	SCREW
			4*	4*			AN960JD8	WASHER
			4*	4*			MS21042L08	NUT
				1*			D2857-1	HINGE BRACKET
			1*				D2857-2	HINGE BRACKET
			1*	1*	1		D3548-1	BRACKET
			4*	4*	4		AN526C832R10	SCREW
			4*	4*	4		AN960JD8	WASHER
			4*	4*	4		MS21042L08	NUT
			1*	1*	1		D3554-7	BALL STUD
			1*	1*	1		AN960JD516	WASHER
			1*	1*	1		D3015-3	LOCK NUT
2**	2**	2**					D2237	STRIKER PLATE
4**	4**	4**					MS20426AD4-5	RIVET
1**	1**	1**			1		D3549-1	BRACKET
1**	1**	1**					D2237	STRIKER PLATE
1**	1**	1**			1		D3554-7	BALL STUD
1**	1**	1**			1		AN960JD516	WASHER
1**	1**	1**			1		D3015-3	LOCK NUT
8**	8**	8**			8		MS20426AD4-5	RIVET
2**	2**	2**			2		MS20426AD4-6	RIVET
2**	2**	2**					D3538-1	HINGE BRACKET
					2		D3538-3	HINGE BRACKET
2**	2**	2**					D2179	HINGE BRACKET PLATE
4**	4**	4**			4		AN526C832R14	SCREW
4**	4**	4**			4		AN960JD8	WASHER
4**	4**	4**			4		MS21042L08	NUT

* PRE-INSTALLED ON D3186-1/-2 SPACEPOD™ DOOR

** PRE-INSTALLED ON D3188-1/-2/-3 SPACEPOD™

• COPYRIGHT © 2006 BY DART AEROSPACE LTD •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: E

Date: 09.07.31

6 PARTS LIST

-141	-142	-143	-145	-146	-149	-349	Part Number	Description
X							D350-600-141	SPACEPOD™ LH, AS350
	X						D350-600-142	SPACEPOD™ RH, AS350/AS355
		X					D355-600-143	SPACEPOD™ LH, AS355
1		1	X				D350-600-145	DOOR ASSEMBLY LH
	1			X			D350-600-146	DOOR ASSEMBLY RH
					X		D350-600-149	SPACEPOD™ UPGRADE KIT
1	1	1				X	D350-600-349	SWITCH RELOCATION KIT
2	2	2					D2174-041	WEB ASSEMBLY
			1	1			D2589	KEYS, KEY CHAIN
1	1	1					D2985	DECAL
			1				D3186-1	SPACEPOD DOOR, LH
				1			D3186-2	SPACEPOD DOOR, RH
1**		1**					D3187-1	FLOOR
	1**						D3187-2	FLOOR
1							D3188-1	SPACEPOD BODY
	1						D3188-2	SPACEPOD BODY
		1					D3188-3	SPACEPOD BODY
			1	1	1		D3552-9	GAS SPRING
8	8	8					AN3-3A	BOLT
2	2	2					AN3-10A	BOLT
8	8	8					AN3H4	BOLT
36	36	36					AN525-10R7	SCREW
8	8	8					MS24694S67	SCREW (or AN509-10R25)
			2	2	2		MS27039-0811	SCREW
8	8	8					AN960JD10	WASHER
16	16	16					AN960JD10L	WASHER
			4	4	4		AN960JD8	WASHER
8	8	8					A3235-020-935	WASHER
			2	2	2		NAS1515H3	NYLON WASHER
			2	2	2		MS21042L08	NUT
16	16	16					MS21042L3	NUT (or MS21042-3)
16	16	16					AKS7-1032-130	INSERT
28**	28**	28**					AKS7-1032-130	INSERT
						3	M81824/1-2	SPLICE
						2	D3597-1	FEMALE SPADE CONNECTOR
						1	D3598-2-012	EXPANDABLE SLEEVE
						3	D3599-1	TIE-WRAP
						3	D3600-1	TIE-WRAP MOUNT
						2 FT	M22759/16-22-9	WIRE
			1*	1*			D2464-1250	NEOPRENE SEAL
1**		1**	1*				D3567-1	DECAL
	1**			1*			D3567-2	DECAL

• COPYRIGHT © 2006 BY DART AEROSPACE LTD. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

Revision: E

Date: 09.07.31